EVSP504

Course Summary

Course : EVSP504 **Title :** Fisheries Management
Length of Course : 8
Prerequisites : N/A **Credit Hours :** 3

Description

Course Description: This course examines the principles and theory of fisheries management with major emphasis on the human dimension in fisheries management, fishery assessment, population dynamics, and common management practices. Course Objectives: • Apply ecological concepts and principles to problems in fisheries management. • Select and apply the quantitative methods of fisheries assessment. • Assess the habitat requirements of both common and threatened and endangered fisheries resources. • Apply a variety of methods and techniques used to manage fish populations and their habitats. • Apply the concept of ecosystem management to fisheries management activities. • Analyze the regulations and issues (social, economic, ethical, and ecological) in the management and conservation of fisheries resources.

Course Scope:

As an advanced general survey course, "Fisheries Management" introduces the student to the major concepts, programs, and problems in the preservation, restoration, and management of fish species.

Objectives

The successful student will fulfill the following learning objectives:

1. Apply ecological concepts and principles to problems in fisheries management.
2. Apply quantitative methods of fisheries assessment.
3. Assess the habitat requirements of common, threatened and endangered fisheries resources.
4. Assess the concept of ecosystem management to fisheries management activities.
5. Analyze the regulations and issues (social, economic, ethical, and ecological) in the management and conservation of fisheries resources.

Outline

Week 1: Introduction to Fisheries Management

Learning Objectives

LO-1 Apply ecological concepts and principles to problems in fisheries management

Required Readings and Resources
Assignments

Forum 1

Week 2: Trends in Fisheries I

Learning Objectives

LO-2 Apply quantitative methods of fisheries assessment

Required Readings and Resources
Assignments

Forum 2

Assignment 1

Week 3: Trends in Fisheries II

Learning Objectives

LO-3 Assess the habitat requirements of common, threatened and endangered fisheries resources

Required Readings and Resources
Assignments

Forum 3

Assignment 2

Week 4: Trends in Fisheries III

Learning Objectives

LO-2 Apply quantitative methods of fisheries assessment

Required Readings and Resources
Assignments

Forum 4

Midterm Assignment

Week 5: Fisheries Management

Learning Objectives

LO-4 Assess the concept of ecosystem management to fisheries management activities

Required Readings and Resources
Assignments

Forum 5

Assignment 3

Week 6: Fisheries Economics

Learning Objectives

LO-5 Analyze the regulations and issues (social, economic, ethical, and ecological) in the management and conservation of fisheries resources

Required Readings and Resources
Assignments

Forum 6

Assignment 4

Week 7: Fisheries Exploitation Simulation II

Learning Objectives

LO-5 Analyze the regulations and issues (social, economic, ethical, and ecological) in the management and conservation of fisheries resources

Required Readings and Resources
Assignments

Forum 7

Week 8: Sustainable Fisheries

Learning Objectives

LO-1 Apply ecological concepts and principles to problems in fisheries management

LO-5 Analyze the regulations and issues (social, economic, ethical, and ecological) in the management and conservation of fisheries resources

Required Readings and Resources
Assignments

Forum 8

Final Assignment

Evaluation

Grading:

Name	Grade %
Forums	24.00 %
Forum 1	3.00 %
Forum 2	3.00 %

Forum 3	3.00 %
Forum 4	3.00 %
Forum 5	3.00 %
Forum 6	3.00 %
Forum 7	3.00 %
Forum 8	3.00 %
Assignments	40.00 %
Assignment 1: Case Study 1	10.00 %
Assignment 2: Case Study 2	10.00 %
Assignment 3: Case Study 3	10.00 %
Assignment 4: Case Study 4	10.00 %
Mid Term Project	15.00 %
Mid Term Project	15.00 %
Final Project	21.00 %
Final Project - Analysis of a Fisheries Management Plan	21.00 %

Materials

Book Title: Fish Conservation: A Guide to Understanding and Restoring Global Aquatic Biodiversity and Fishery Resources

Author: Helfman

Publication Info: Island Press

ISBN: 9781559635967

Book Title: Course Materials will change for April & beyond. Please email booklist@apus.edu for an updated booklist.

Author:

Publication Info: Open Web Sources

ISBN: APUPOTI4

Required Readings and Other Resources: As identified in the Lessons
Additional Resources: Please go to the program guides in the APUS Library for additional resources:

- Environmental Policy and Management:
  http://apus.campusguides.com/environmental_policy_management?hs=a

Software Requirements

- Microsoft Office (MS Word, MS Excel, MS PowerPoint) - American Public University System provides
- Microsoft Office 365 to AMU/APU students and faculty at no cost
- Adobe Acrobat Reader

Course Guidelines

Citation and Reference Style

- Attention Please: Students will follow the APA Format as the sole citation and reference style used in written work submitted as part of coursework to the University. Assignments completed in a narrative essay or composition format must follow the citation style cited in the APA Format.

Tutoring

- [Tutor.com](#) offers online homework help and learning resources by connecting students to certified tutors for one-on-one help. AMU and APU students are eligible for 10 free hours* of tutoring provided by APUS. Tutors are available 24/7 unless otherwise noted. Tutor.com also has a SkillCenter Resource Library offering educational resources, worksheets, videos, websites and career help. Accessing these resources does not count against tutoring hours and is also available 24/7. Please visit the APUS Library and search for 'Tutor' to create an account.

Late Assignments

- Students are expected to submit classroom assignments by the posted due date and to complete the course according to the published class schedule. The due date for each assignment is listed under each Assignment.
- Generally speaking, late work may result in a deduction up to 15% of the grade for each day late, not to exceed 5 days.
- As a working adult I know your time is limited and often out of your control. Faculty may be more flexible if they know ahead of time of any potential late assignments.

Turn It In

- Faculty may require assignments be submitted to Turnitin.com. Turnitin.com will analyze a paper and report instances of potential plagiarism for the student to edit before submitting it for a grade. In some cases professors may require students to use Turnitin.com. This is automatically processed through the Assignments area of the course.

Academic Dishonesty

- Academic Dishonesty incorporates more than plagiarism, which is using the work of others without citation. Academic dishonesty includes any use of content purchased or retrieved from web services such as CourseHero.com. Additionally, allowing your work to be placed on such web services is academic dishonesty, as it is enabling the dishonesty of others. The copy and pasting of content from any web page, without citation as a direct quote, is academic dishonesty. When in doubt, do not copy/paste, and always cite.

Submission Guidelines

- Some assignments may have very specific requirements for formatting (such as font, margins, etc) and submission file type (such as .docx, .pdf, etc) See the assignment instructions for details. In general, standard file types such as those associated with Microsoft Office are preferred, unless otherwise specified.

Disclaimer Statement

- Course content may vary from the outline to meet the needs of this particular group.

Communicating on the Forum

- Forums are the heart of the interaction in this course. The more engaged and lively the exchanges, the more interesting and fun the course will be. Only substantive comments will receive credit. Although there is a final posting time after which the instructor will grade comments, it is not sufficient to wait until the last day to contribute your comments/questions on the forum. The purpose of the forums is to actively participate in an on-going discussion about the assigned content.

- "Substantive" means comments that contribute something new and hopefully important to the discussion. Thus a message that simply says "I agree" is not substantive. A substantive comment contributes a new idea or perspective, a good follow-up question to a point made, offers a response to a question, provides an example or illustration of a key point, points out an inconsistency in an argument, etc.
- As a class, if we run into conflicting view points, we must respect each individual's own opinion. Hateful and hurtful comments towards other individuals, students, groups, peoples, and/or societies will not be tolerated.

University Policies

Student Handbook

- Drop/Withdrawal policy

- Extension Requests

- Academic Probation

- Appeals

- Disability Accommodations

The mission of American Public University System is to provide high quality higher education with emphasis on educating the nation's military and public service communities by offering respected, relevant, accessible, affordable, and student-focused online programs that prepare students for service and leadership in a diverse, global society.